

OvisLink

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AirLive RS-1000

Security Bandwidth Management

Quick Setup Guide

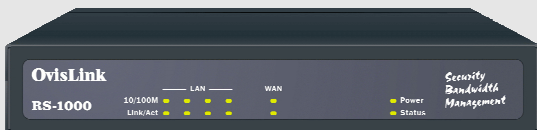


Important Information

- | | |
|--|----------------------|
| <input type="checkbox"/> The AP mode's default IP address is | 192.168.1.1 |
| <input type="checkbox"/> The default Subnet Mask is | 255.255.255.0 |
| <input type="checkbox"/> The default login name is | admin |
| <input type="checkbox"/> The default password is | admin |

LED Indicators

RS-1000



LED		Status	
Indicator	Color	ON	Flashing
Power	● Green	Power on	-
Status	● Green	Ready to use	Turning on
WAN	● Green	-	Sending/Receiving
LAN	● Green	-	Sending/Receiving



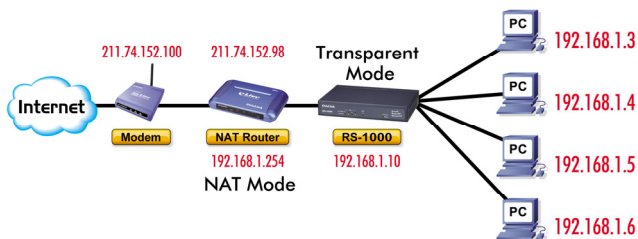
LAN Port (LAN): Use this port to connect to the LAN network of the office.

WAN Port (WAN): Use this port to connect to a router, DSL modem, or Cable modem.

Reset: Reset the Bandwidth Management to the original default settings.

DC Power: Connect one end of the power supply to this port, the other end to the electrical wall outlet.

Transparent Mode Connecting Example



Connection Type: 10/100 Mbps Cable Connection

【LAN 1 Port】 = 192.168.1.3

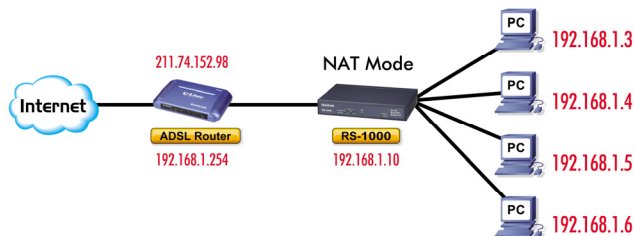
【LAN 2 Port】 = 192.168.1.4

【LAN 3 Port】 = 192.168.1.5

【LAN 4 Port】 = 192.168.1.6

【WAN Port】 = 192.168.1.10

NAT Mode Connecting Example



【LAN 1 Port】 = 192.168.1.3

【LAN 2 Port】 = 192.168.1.4

【LAN 3 Port】 = 192.168.1.5

【LAN 4 Port】 = 192.168.1.6

【WAN Port】 = 61.11.11.11

WebUI Configuration example

STEP 1:

Connect both the Administrator's PC and the LAN port of the Security Bandwidth Management to a hub or switch. Make sure there is a link light on the hub/switch for both connections. The Security Bandwidth Management has an embedded web server used for management and configuration. Use a web browser to display the configurations of the Security Bandwidth Management (such as Internet Explorer 4(or above) or Netscape 4.0(or above) with full java script support). The default IP address of the Security Bandwidth Management is **192.168.1.1** with a subnet mask of 255.255.255.0. Therefore, the IP address of the Administrator PC must be in the range between 192.168.1.2– 192.168.1.254

If the company's LAN IP Address is not subnet of 192.168.1.0, (i.e. LAN IP Address is 172.16.0.1), then the Administrator must change his/her PC IP address to be within the same range of the LAN subnet (i.e. 172.16.0.2). Reboot the PC if necessary.

By default, the Security Bandwidth Management is shipped with its DHCP Server function enabled. This means the client computers on the LAN network including the Administrator PC can set their TCP/IP settings to automatically obtain an IP address from the Security Bandwidth Management.

The following table is a list of private IP addresses. These addresses may not be used as a WAN IP address.

10.0.0.0 ~ 10.255.255.255
172.16.0.0 ~ 172.31.255.255
192.168.0.0 ~ 192.168.255.255

STEP 2:

Once the Administrator PC has an IP address on the same network as the Security Bandwidth Management, open up an Internet web browser and type in <http://192.168.1.1> in the address bar.

A pop-up screen will appear and prompt for a username and password. A username and password is required to connect to the Security Bandwidth Management. Enter the default login username (**admin**) and password (**admin**) of Administrator.

Setting Up in Transparent Mode

STEP 1:

After entering the username and password, the Security Bandwidth Management WEB UI screen will display. Select the **Interface** tab on the left menu and a sub-function list will be displayed.

- ◆ Select **Transparent Mode**.
- ◆ Enter required information to their corresponding fields.

LAN interface IP Address
NetMask
Default Gateway
DNS Server

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Interface

- System
- Interface**
- Address
- Service
- Schedule
- QoS
- Authentication
- Policy
- Content Filtering
- Virtual Server
- Log
- Alarm
- Accounting Report
- Statistics
- Status

System Interface

- ☒ Transparent Mode
- ☐ NAT Mode

IP Address: 192.168.0.215

Netmask: 255.255.255.0

Default Gateway: 192.168.0.254

DNS Server 1: 168.95.1.1

DNS Server 2:

Max. Downstream Bandwidth: 512 Kbps (Max. 10 Mbps)

Max. Upstream Bandwidth: 512 Kbps (Max. 10 Mbps)

Enable (LAN): ☒ Ping ☒ WebUI

Enable (WAN): ☒ Ping ☒ WebUI

Ok Cancel

Note: The above figures are only examples. Please fill in the appropriate IP address information provided to you by the ISP.

STEP 2:

Click on the Policy tab from the main function menu, and then click on **Outgoing** from the sub-function list.

STEP 3:

Click on **New Entry** button.

STEP 4:

When the **New Entry** option appears, enter the following configuration:

Source Address – select **Inside_Any**

Destination Address – select **Outside_Any**

Service - select **ANY**

Action - select **Permit**

Click on **OK** to apply the changes.

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Outgoing

System	Add New Policy
Interface	Source Address: <input type="text" value="Inside_Any"/>
Address	Destination Address: <input type="text" value="Outside_Any"/>
Service	Service: <input type="text" value="ANY"/>
Schedule	Action: <input type="text" value="PERMIT"/>
QoS	Logging: <input type="checkbox"/> Enable
Authentication	Statistics: <input type="checkbox"/> Enable
Policy	Authentication: <input type="checkbox"/> Enable
Outgoing	Schedule: <input type="text" value="None"/>
Incoming	Alarm Threshold: <input type="text" value="00"/> KBytes/Sec
Content Filtering	QoS: <input type="text" value="None"/>
Log	<input type="button" value="Ok"/> <input type="button" value="Cancel"/>
Alarm	
Accounting Report	
Statistics	
Status	

STEP 5:

The configuration is successful when the screen below is displayed. Make sure that all the computers that are connected to the LAN port have their Default Gateway IP Address set to the Security Bandwidth Management's LAN IP Address (i.e. 192.168.1.1). At this point, all the computers on the LAN network should gain access to the Internet immediately. If a Security Bandwidth Management filter function is required, please refer to the Policy section in the user manual.

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Outgoing

System	No.	Source	Destination	Service	Action	Option	Configure	Move
Interface	1	Inside_Any	Outside_Any	ANY			Modify	Remove
Address								
Service								
Schedule								
QoS								
Authentication								
Policy								
Outgoing								
Incoming								
Content Filtering								

Setting Up in NAT Mode

After entering the Security Bandwidth Management WEB UI screen, select the **Interface** tab on the left menu and a sub-function list will be displayed.

Step 1: Select the **NAT Mode**.

Step 2: Enter the required information to their corresponding fields.

LAN Interface	IP Address	192.168.1.1
	NetMask	255.255.255.0

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Interface

System
Interface
Address
Service
Schedule
QoS
Authentication
Policy
Content Filtering
Log
Alarm
Accounting Report
Statistics
Status

LAN Interface

☐ Transparent Mode
☒ NAT Mode

IP Address:

Netmask:

Enable: ☒ Ping ☒ WebUI

WAN Interface

☒ PPPoE (ADSL User)
☐ Dynamic IP Address (Cable Modem User)
☐ Static IP Address
☐ PPTP (European User Only)

Current Status: Disconnected

IP Address:

User Name:

Password:

IP Address provided by ISP: ☒ Dynamic
☐ Fixed

IP Address:

Netmask:

Default Gateway:

Max. Downstream Bandwidth: Kbps (Max. 10 Mbps)

Max. Upstream Bandwidth: Kbps (Max. 10 Mbps)

☒ Service-On-Demand

Auto Disconnect if idle: minutes (0 : means always connect)

Enable: ☒ Ping ☒ WebUI

Step 3: Enter the information that your ISP provided.

Step 4: Click on the **Policy** tab from the main function menu, and then click on **Outgoing** from the sub-function list. Click on the **Policy** tab from the main function menu, and then click on **Incoming** from the sub-function list.

Step 5: Click on **New Entry** button.

Step 6: When the **New Entry** option appears, enter the following configuration:

Source Address – select **Inside_Any**

Destination Address – select **Outside_Any**

Service – select **ANY**

Action – select **Permit**

Click on **OK** to apply the changes.

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Outgoing

System	Add New Policy	
Interface	Source Address	Inside_Any
Address	Destination Address	Outside_Any
Service	Service	ANY
Schedule	Action	PERMIT
QoS	Logging	<input type="checkbox"/> Enable
Authentication	Statistics	<input type="checkbox"/> Enable
Policy	Authentication	<input type="checkbox"/> Enable
Outgoing	Schedule	None
Incoming	Alarm Threshold	0.0 KBytes/Sec
Content Filtering	QoS	None
Log	<input type="button" value="Ok"/> <input type="button" value="Cancel"/>	
Alarm		
Accounting Report		
Statistics		
Status		

Step 7: The configuration is successful when the screen below is displayed. Make sure that all the computers that are connected to the LAN port have their Default Gateway IP Address set to the Security Bandwidth Management's LAN IP Address (i.e. 192.168.1.1). At this point, all the computers on the LAN network should gain access to Internet immediately. If a Bandwidth Management filter function is required, please refer to Address and Policy sections.

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Outgoing

System	No.	Source	Destination	Service	Action	Option	Configure	Move
Interface	1	Inside_Any	Outside_Any	ANY	PERMIT		Modify	Remove
Address								
Service								
Schedule								
QoS								
Authentication								
Policy								
Outgoing								
Incoming								
Content Filtering								